

### ABSTRACT

A method and an arrangement in packet switched networks for flow control is based on information provided in a set-up message for a real-time application. The invention restricts the bandwidth of non real-time application flows in and out of a terminal so that application flows associated with the real-time application are guaranteed a required bandwidth that is derived from the information in the set-up message. The invention thus provides a quick adjustment to new real-time application flows by restricting bandwidth use for non real-time application flows as soon as the set-up message for said real-time application flows is received. The invention reduces unnecessary retransmissions of data packets on the non real-time application flows and improves the communication quality for the real-time application at the beginning of a communications session. A flow control application for this purpose is used in the invention and can be made part of an existing transport layer, or alternatively an application layer, or even a physical layer or an internet layer.